

ABSTRACT

Described is a method for the trenchless underground laying of pipes. According to said method, a shield tunnel boring machine and then subsequently pipes are driven through the ground starting from a starting shaft. The shield tunnel boring machine produces a borehole whose diameter is slightly greater than the outer diameter of the pipes. The annular space between the borehole wall and the pipes thereby obtained is filled with a supporting and lubricating agent. During advance, a continuous and periodical examination of the composition of the ground is carried out in the area of the shield tunnel boring machine or the first pipe following the shield tunnel boring machine or the first lubricating point. Depending on the result of the examination, the ground in the examined area is sealed off and/or solidified by a sealing and/or solidifying agent and/or the composition of the supporting and lubricating agent is adjusted.